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| **Site / Area:** |       | **Date of assessment:**  |  | **Risk Assessment #:** | **087RA** |
| **Completed by (name):** |       | **Signature:** |       |
| **In Consultation with** |       | **Signature:** |       |
| **Identify / describe activity, equipment, area or event you are assessing:**  | **Waste Management** |
| **In conjunction with this risk assessment, training / education and development of a relevant SOP may be required.** |
| **Step 1:** **Identify the hazard/s:**What do you believe are the hazards?(Refer Risk Assessment Guideline (015G)) | **Step 2: Assess the risks:**What do you believe are the risks?(Refer *Risk Assessment Guideline (015G)*) | **Step 3: Reducing the risk:**What do you believe can be done to reduce the risk?(Refer *Risk Assessment Guideline (015G)*) |
| **What could cause harm?** | **What could go wrong?** | **Controls** |
| **Hazardous Manual Tasks*** Twisting, bending, reaching, lifting and pulling when transferring and disposing of waste
* Not securing waste prior to moving
* Not following correct manual handling techniques
* Overloading of bins, trolleys
* Twisting, reaching, and pulling when placing and removing bin into bin tipper
* Poorly maintained bins and trolleys
* Untrained persons conducting maintenance
 | * Musculoskeletal Injuries
* Sprains strains
* Fatigue
 | * Mechanical Aids
* Trolleys, bins to be loaded to just under capacity only.
* Specified collection times
* Signage as required to inform persons of where to put waste
* Maintenance Scheduled
* Broken items tagged out of service
* Use of trained competent person to conduct scheduled repairs
 |
| **Gravity*** Interaction with moving plant (pallet jacks)
* Uneven floor/ground surfaces
* Slippery floor from spills
 | * Slip, trip, fall
* Concussion
* Fracture
 | * PPE provided for all tasks
* All steps are highlighted
* All spills to be cleaned immediately
* Non slip footwear to be worn
 |
| **Hazardous Chemicals*** Exposure to chemicals when transferring and disposing of waste chemicals
 | * Irritation / harm to eyes, nose, respiratory tract
* Skin sensitisation disorders
 | * Waste stored on site to be in a suitable container according to the type of waste and in a secure area
* PPE provided for all tasks
* Bins locked in dedicated areas
* Signage
* Option of alternative duties for workers that are pregnant, breast feeding or planning parenthood
 |
| **Biological** * Exposure to dusts when transferring and disposing of waste
* Exposure to biological waste when transferring and disposing of waste
* Needle-stick / sharps injuries
 | * Asthma
* Irritation to the lungs
* Worker/student receiving an eye injury from flying particles
 | * PPE provided for all tasks
* All Workers exposed to diseases are to receive vaccinations
* Segregation and identification of waste streams for correct disposal
 |
| **Radiation*** Radioactive Waste
 | * Exposure to radiation, when entering certain departments
 | * All workers trained in collection of radioactive waste from designated departments
* Authorised workers only
* Client double bags and checks half-life to ensure waste can enter general waste cycle.
* Double bags in closed green MGB’s
* With client representative when entering area at all times.
 |
| **Other*** Environmental
 | * Unpleasant odour
* Spills
* Incorrect transportation of waste
* Faulty and/or damaged bins
* Faulty equipment
* Untreated Waste going to landfill
 | * Mobile garbage containers regularly cleaned
* Containers lidded
* Bagging of waste
* Spill Kits
* Work Instruction’s to deal with spills
* Maintenance schedules on equipment
* Pre checks on bins prior to moving
* Autoclaving of certain waste prior to leaving site
* Licenced waste disposal contractor
 |
| **Machinery & Equipment*** Cuts Lacerations
* Entrapment
 | * Nip points in plant/equipment
* Gate to bin mover not maintained
* Starting of equipment while person is inside bin tipper area
 | * PPE, gloves provided
* Equipment on maintenance schedule
* Equipment guarding
* Equipment will not start until gate closed and locked from outside
* Keys removed when not in use
 |
| **Electricity*** Damaged electrical cord
* Electrical fault within the piece of machinery
* Overloading power sockets
 | * Electric shock/burns
* Electrocution
* Fire
* Equipment Damage
 | * Visual inspections before use
* All faults/damaged equipment is reported immediately
* Ensure electrical equipment is in good working order (testing and tagging)
* Residual current device (RCD) push button tested according to legislative requirements
* RCD time tested according to legislative requirements
* Fire wardens are trained in fire extinguisher use and emergency evacuation
 |
| **Machinery & Equipment*** Traffic
 | * Interaction with vehicles
 | * Site Traffic Management Risk Assessment
* Traffic Management Plan
* Designated walkways
* Safety signage and mirrors
* All workers are required to wear hi-visibility vests in traffic areas
 |
| **Other** | *
 | *
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| --- | --- | --- | --- | --- | --- |
| **Authorised by:** |  | **Signature:** |  | **Date:** |  |

**Review hazard/risk assessment if task or circumstances change and at intervals appropriate to the level of risk (minimum 5 years).**

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| **Step 4: Monitor & review:**(Refer to hazard sheet)**Please tick Yes or No** |
| **Were the controls effective?** | **Were there any unforeseen hazards/ incidents?** | **New controls** |
| **Yes** | **[ ]**  | **No** | **[ ]**  | **Yes** | **[ ]**  | **No** | **[ ]**  |
| **DETAILS** | **DETAILS** | **DETAILS** |
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| --- | --- | --- | --- | --- | --- |
| **Name:** |  | **Signature:** |  | **Date:** |  |